

Infrared Astronomy Beyond Spitzer: What is Next?

Charles Beichman

(Email: Charles.A.Beichman@jpl.nasa.gov)

Michelson Science Center, California Institute of Technology, Pasadena, California

This Conference has highlighted some of the very first results from Spitzer, an event that veteran infrared astronomers have been awaiting for many years. What will be the next steps in the coming “century” of the infrared? I will discuss some of the scientific breakthroughs we might expect to achieve with planned new facilities such as Herschel, Planck, and JWST and then with more far-future facilities such as the TPF-Interferometer, SAFIR, and CMBPOL. I will also point out some of the pitfalls that we as a community must avoid if we are to move briskly into this very promising future.